

ATTACHMENT BB

Annual Diversion Rate Percentage Calculation

Step One. Calculate Total Tons Disposed.

The purpose of this step is to calculate the total tons that were Disposed from City as a result of Contractor performing the work and tasks described in the Contract. Disposed Tons include Tons delivered by Contractor to the landfill and Residue Disposed from Processing Facilities as more fully described below.

Add all of the tons originating in, or attributable to, the City that were delivered by Contractor, Contractor's subcontractor's (if any), the City-designated MRF(s), the City-designated Compost Facility(ies), the City-designated Transformation Facility (if any), and the City-designated Construction and Demolition Debris Processing Facility (ies) to landfills during the calendar year. Utilize records of Orange County, other counties, CalRecycle, the above-listed processing facilities and of Contractor for these tonnages.

These tonnages include, but are not limited to:

Tons delivered by Contractor to the City-designated landfill(s).

Tons of residue attributable to City, delivered from the City-designated Clean MRF to landfill

Tons of residue attributable to City, delivered from the City-designated Dirty MRF to landfill

Tons of residue attributable to City, delivered from the City-designated Compost Facility to landfill

Tons of residue attributable to City, delivered from the City-designated Construction and Demolition Debris Processing Facility(ies) to landfill

Tons of residue attributable to City, delivered from the City-designated Transformation Facility (if City has approved use of a Transformation Facility) to landfill

Tons of residue attributable to City, delivered from the City-designated Biomass Facility (if City has approved use of a Biomass Facility) to landfill

All other tons disposed in landfills from City that were collected as part of Contractor's operations pursuant to this Contract.

Step Two. Calculate Total Tons Collected By Contractor.

The purpose of this step is to calculate the total tons of all materials and MSW that were Collected by Contractor, from all sources in City during the calendar year as a result of Contractor performing the work and tasks described in the Contract.

Add all of the tons Collected by the Contractor from City during the calendar year. These tons include, but are not limited to:

ATTACHMENT BB

Annual Diversion Rate Percentage Calculation

All MSW Collected by Contractor
All Single Material Recyclables Collected by Contractor
All Single Stream Recyclable Materials Collected by Contractor
All Yardwaste Collected by Contractor
All Food Waste Collected by Contractor
All Construction and Demolition Debris Collected by Contractor
All Bulky Items Collected by Contractor
All Electronic and Universal Waste Collected by Contractor
All Holiday Greenery Collected by Contractor
All Buyback Tons Purchased By Contractor at the Residential Buy-Back Facility*
All other MSW or other materials Collected by Contractor as Described in Attachment B - Scope of Work

*Note: Contractor must prove that tons originated at residential premises in Lake Forest.

Step Three. Calculate Percent of Collected Tons That Were Disposed.

Divide the total tons Disposed for the calendar year by the total tons Collected by Contractor for the calendar year. The resulting percentage is the percentage of tons Disposed.

Step Four. Calculate Percent of Tons Diverted.

Subtract the percentage calculated in Step Three from 100 to determine the percent of tons diverted for the calendar year.

SAMPLE ANNUAL DIVERSION PERCENTAGE CALCULATION

(All numbers are examples only and are used here for illustration purposes.)

Step One. Calculate Total Tons Disposed.

Tons Disposed at City-designated landfill by Contractor	10,566 tons
Residue tons Disposed from City-designated Clean MRF	1,332 tons
Residue tons Disposed from City-designated SSC MRF	2,172 tons
Residue tons Disposed from City-designated Compost Facility	899 tons
Residue tons Disposed from City-designated Construction And Demolition Debris Processing Facility	3,460 tons
Residue tons Disposed from City-designated Transformation Facility (if use of facility approved by City)	0 tons

ATTACHMENT BB

Annual Diversion Rate Percentage Calculation

Residue tons Disposed from City-designated Biomass Facility (if use of facility approved by City)	340 tons
All other tons disposed in landfills from City that were initially collected as part of Contractor's operations pursuant to this Contract	54 tons
TOTAL TONS DISPOSED	18,823 tons

Step Two. Calculate Total Tons Collected By Contractor.

MSW Route	11,098 tons
SSC route	7,765 tons
All other MSW	2,722 tons
Single Material Recyclable Materials:	
Cardboard	866 tons
Metals	44 tons
Baled Materials	201 tons
Other	48 tons
Single Material Recyclable Materials – Residential	3,577 tons
Single Material Recyclable Materials – Commercial	8,709 tons
Single Stream Recyclables – Roll-off/Compactor	702 tons
Yardwaste – Residential	4,254 tons
Yardwaste – Commercial	982 tons
Yardwaste – Roll-off/Compactor	633 tons
Food Scraps – Residential	2,112 tons
Food Scraps – Commercial	2,554 tons
Food Scraps – Roll-off/Compactor	633 tons
Construction and Demolition Debris	9,032 tons
Electronic and Universal Waste	1 ton
Holiday Greenery	16 tons
All other collected materials	80 tons
TOTAL TONS COLLECTED	50,730 tons

Step Three. Calculate Percent of Collected Tons That Were Disposed.

Divide the tons Disposed by the tons Collected

$$18,823/50,730 = 0.371 = 37\%.$$

NOTE: In this calculation the resulting figure will be rounded to a two-digit percentage figure. Round the result up if the third digit is 5 or higher. Round down if the third digit is 4 or less. Thus, in the above example, 0.371 is rounded down to 37%. If the calculation had resulted in 0.376, the result would be rounded up to 38%.

ATTACHMENT BB

Annual Diversion Rate Percentage Calculation

Step Four. Calculate Percent of Tons Diverted.

Subtract the result in Step Three from 100

$100 - 37\% = 63\%$ Annual Diversion.